

CLAIMS

1. A reflecting member for a surface light source obtainable by forming a white coating film on the surface of a molded metal part having a prescribed shape.

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2. The reflecting member for a surface light source according to claim 1 wherein the metal part comprises at least one selected from an aluminum plate, aluminum alloy plate, iron plate, stainless steel plate, copper plate, zinc steel plate
10 and tin plate.

3. The reflecting member for a surface light source according to claim 1 or 2 wherein the white coating film has a thickness of from 50 to 300 μm .

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4. The reflecting member for a surface light source according to any one of claims 1 to 3 wherein in the molding of the metal part, a curved part is formed on the metal part.

20 5. The reflecting member for a surface light source according to claim 4 wherein when the film thickness of the white coating film is A μm and the curvature radius of the curved part of the metal part is B mm, the value of A/B is not less than 10.

6. The reflecting member for a surface light source according to any one of claims 1 to 5 wherein the white coating film comprises a powder coating material.

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7. The reflecting member for a surface light source according to any one of claims 1 to 5 wherein the white coating film comprises a liquid coating material.

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8. A process of producing a reflecting member for a surface light source which process comprises the steps of molding a metal part into a prescribed shape and then forming a white coating film on the surface of the metal part.

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9. The process of producing a reflecting member for a surface light source according to claim 8 wherein the metal part comprises at least one selected from an aluminum plate, aluminum alloy plate, iron plate, stainless steel plate, copper plate, zinc steel plate and tin plate.

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10. The process of producing a reflecting member for a surface light source according to claim 8 or 9 wherein the white coating film has a film thickness of from 50 to 300 μm .

11. The process of producing a reflecting member for a surface light source according to any one of claims 8 to 10 wherein in the molding of the metal part, a curved part is formed on the metal part.

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12. The process of producing a reflecting member for a surface light source according to claim 11 wherein when the film thickness of the white coating film is $A \mu\text{m}$ and the curvature radius of the curved part of the metal part is $B \text{ mm}$,
10 the value of A/B is not less than 10.

13. The process of producing a reflecting member for a surface light source according to any one of claims 8 to 12 wherein the white coating film comprises a powder coating
15 material.

14. The process of producing a reflecting member for a surface light source according to any one of claims 8 to 12 wherein the white coating film comprises a liquid coating
20 material.

15. A reflection board for a liquid crystal backlight obtainable by using a reflecting member for a surface light source as claimed in any one of claims 1 to 7.

16. A liquid crystal backlight unit obtainable by using a reflection board for a liquid crystal backlight as claimed in claim 15.